

20020610.qrp v02_n582.qrl.20020610

Date: Mon, 10 Jun 2002 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2582

QRP-L Digest 2582

Topics covered in this issue include:

- 1) [127892] Re: Dayton Pics
by J.Bennett@lboro.ac.uk
- 2) [127893] Stealth Antennas
by "Mike Yetsko" <myetsko@insydesw.com>
- 3) [127894] Saskatchewan Provincial Hamfest 2002
by Bruce Rattray <rattray@gpfn.sk.ca>
- 4) [127895] JPS NIR-10 DSP filter FS
by "johngabbard" <johngabbard@usintouch.com>
- 5) [127896] NC-20 case for sale
by "Mike Rioux" <mike@rioux.org>
- 6) [127897] RE: NC-20 case for sale
by "Mike Rioux" <mike@rioux.org>
- 7) [127898] ARRL June VHF QSO Party
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 8) [127899] Re: Stealth Antennas
by Bill ROWLETT <kc4atu@yahoo.com>
- 9) [127900] TAC Logs Due by July 8, 2002
by "Ron Polityka" <wb3aal@fast.net>
- 10) [127901] Re: whence FT-897
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [127902] VHF Contest
by Joseph Mikuckis <k3chp@erols.com>
- 12) [127903] JPS NIR-10 AUDIO DSP FILTER FS
by "johngabbard" <johngabbard@usintouch.com>
- 13) [127904] Re: VHF Contest
by "Dave Benson" <nn1g@earthlink.net>
- 14) [127905] Re: ARRL June VHF QSO Party
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 15) [127906] FS: DOS computer
by k8ff@juno.com
- 16) [127907] Re: whence FT-897
by "Rod N0RC" <rod@n0rc.us>
- 17) [127908] Re: whence FT-897
by "Jeff Davis" <n9avg@att.net>
- 18) [127909] Re: whence FT-897
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [127910] Re: [Elecraft] K2/100 Emergency field battery

- by "George, W5YR" <w5yr@att.net>
- 20) [127911] Re: [Elecraft] K2/100 Emergency field battery
by "Mike Yetsko" <myetsko@insydesw.com>
- 21) [127912] FS: Unbuilt kits; NorCal, Tiny-Tornado, SWL...>
by Patrick Armstrong <aa7fg@gte.net>
- 22) [127913] Re: [Elecraft] K2/100 Emergency field battery
by "George, W5YR" <w5yr@att.net>
- 23) [127914] NiMH battery deal
by Ray Sills <raysills@1stconnect.com>
- 24) [127915] Re: ARRL June VHF QSO Party
by Arthur Moe <kb7ww@easystreet.com>
- 25) [127916] welding wire for antenna wire
by "David Fuller" <djfulle@qwest.com>
- 26) [127917] Re: NiMH battery deal
by "George, W5YR" <w5yr@att.net>
- 27) [127918] Re: Freq. Counter / Test equip
by Tom Feeny <tfeeny@comcast.net>
- 28) [127919] Re: NiMH battery deal
by "Brian Murrey" <brian@iquest.net>
- 29) [127920] Re: welding wire for antenna wire
by "Ingo, DK3RED" <dk3red@t-online.de>
- 30) [127921] Re: ARRL June VHF QSO Party
by "Dave Fifield" <dave@redhotradio.com>
- 31) [127922] Re: NiMH battery deal
by David Hinerman <WD8CIV@worldnet.att.net>
- 32) [127923] GD0s - a nice surprise
by Ed Tanton <n4xy@earthlink.net>
- 33) [127924] AD9835 prototyping adaptor PCB artwork
by "Leon Heller" <leon_heller@hotmail.com>
- 34) [127925] Re: NiMH battery deal
by "George, W5YR" <w5yr@att.net>
- 35) [127926] Re: NiMH battery deal
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 36) [127927] Re: NiMH battery deal
by David Hinerman <WD8CIV@worldnet.att.net>
- 37) [127928] Re: welding wire for antenna wire
by "George, W5YR" <w5yr@att.net>
- 38) [127929] Re: GD0s - a nice surprise
by "George, W5YR" <w5yr@att.net>
- 39) [127930] RE: welding wire for antenna wire
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 40) [127931] Re: NiMH battery deal
by "George, W5YR" <w5yr@att.net>
- 41) [127932] Re: NiMH battery deal
by MikeHeit@aol.com
- 42) [127933] Re: NiMH battery deal
by Hank Kohl K8DD <k8dd@arrl.net>
- 43) [127934] Fw: NiMH battery deal

by "Walt Amos" <k8cv@netzero.net>
44) [127935] Vertical Radial Trenching Tool? B&D 'Edge Hog'
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
45) [127936] Re: NiMH battery deal
by Ray Sills <raysills@1stconnect.com>
46) [127937] Re: welding wire for antenna wire
by "Mike Yetsko" <myetsko@insydesw.com>
47) [127938] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
by "Tim, N9PUZ" <n9puz@arrl.net>
48) [127939] OOPS! (was Re: no mo list spam from ByteMark ...)
by "Tracy Markham" <tracy@bytemark.com>
49) [127940] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
by ken cubilo electric <kce@chartermi.net>
50) [127941] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
by David Hinerman <WD8CIV@worldnet.att.net>
51) [127942] Re: welding wire for antenna wire
by Steve Smith <sigcom@juno.com>
52) [127943] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
by ken cubilo electric <kce@chartermi.net>
53) [127944] RE: welding wire for antenna wire
by "Karl Kanalz" <kkanalz@gcecispc.com>
54) [127945] Re: NiMH battery deal
by "George, W5YR" <w5yr@att.net>
55) [127946] Re: NiMH battery deal
by "George, W5YR" <w5yr@att.net>
56) [127947] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
by "George, W5YR" <w5yr@att.net>
57) [127948] Unbuilt kits; NorCal, Tiny-Tornado, SWL...> SOLD
by Patrick Armstrong <aa7fg@gte.net>
58) [127949] Old Antenna, new idea
by "Karl F. Larsen" <k5di@zianet.com>
59) [127950] PCB artwork correction for LMX3205 and AD9835
by "Leon Heller" <leon_heller@hotmail.com>
60) [127951] Re: ARRL June VHF QSO Party
by Bill ROWLETT <kc4atu@yahoo.com>
61) [127952] FS (Long) HW9 Station, OHR Explorer(s), SWL PSK20, MFJ 9020 & Norcal
SMK-1 kit
by "John Nystedt" <jnystedt@msn.com>
62) [127953] Calling Don Brown
by "James E. (Jim) Campbell" <jim-c@nc.rr.com>

Date: Mon, 10 Jun 2002 00:24:58 +0100 (BST)
From: J.Bennett@lboro.ac.uk
To: n9avg@att.net, Jeff Davis <n9avg@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127892] Re: Dayton Pics

Message-ID: <1023665098.3d03e3cab7a4f@staff-webmail.lboro.ac.uk>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Hi Jeff,

Many thanks for the pictures. Such an interesting insite and it's nice of you to take the trouble to bring them to us.

72/73,
Jack
G3PVG

Quoting Jeff Davis <n9avg@att.net>:

> Folks.
>
> Finally got around to putting up some of the pictures that I snapped
> at Dayton. Only 25-30 shots but there are some from the FDIM event at
> the Ramada Inn. Go to my Web page and click the thumbnail and then
> follow the links.
>
> <http://n9avg.home.att.net/>
>
> --
> 72, Jeff-N9AVG
>
>
>

Date: Sun, 9 Jun 2002 20:23:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127893] Stealth Antennas
Message-ID: <001c01c21015\$0ed394a0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, now that a bit of time has gone by so as to not be 'associated' with that 'other' topic...

What have people done for 'stealth' antennas? We've all surely had situations that might have benefitted from having an antenna that

wasn't as obvious as it could be. For all kinds of reasons. Like living at home, or in high school still at home...

Ok, here's some of the things I've done.

Back in high school... Yes, CB days... I made a dipole and hung in about 40' up in the maple tree in our backyard. used 75 ohm coax from the TV to get to my bedroom. My Dad wasn't pleased, but you could hardly see it. The only thing visible was just a short run of the coax from the tree to the corner of the house, then again at my bedroom where the coax came out of the rain gutter and went into my window.

Then for my brothers girlfriends parents car... While we were in college, she wanted a CB, so I made up a little box with two trimmer caps and two coils and a motorola jack and plugged in the cars AM/FM antenna... Worked well enough cross I-80 in the first of the '55' days. All she had to do was to pull the radio antenna from the radio, plug it into my little box, and she was set. (I had to tune it once.) When she got home from a weekend at the college, she just plugged the antenna back into the car radio and her parents never knew...

Then college... 40M dipole in the trees outside my room, fed with RG-8. OK, so that wasn't too stealthy. Had a couple of HAM friends that came over all the time. I wasn't. But my room was the one that had the 'accessibility' to get to an antenna!

In Texas, in my apartment, I used a 10M dipole taped to the ceiling of my bedroom and drooped down the walls. Sat in an RF cage to transmit. (I cringe about that now!) Then I bought a tuner, and ran a run of RG-58 out the wall to the downspout. It was metal, so I screwed into it. It tuned! Then on weekends I would sneak out and pull that little pin on the side of the 'comb' mount that held the spouting to the building. I'd put in a piece of electrical tape to insulate and put the pin back. Then at each section junction, I'd drill a small hole and put in a metal screw for conductivity. Don't know if it helped, but I worked stations in NC and NJ with 75W. And it was exciting. I felt like Barney on Mission Impossible each time I snuck out with a roll of tape or the hand drill.

Then in my old house I put a dipole in the attic. At first just 10M, then I went for broke. Went diagonal corners, as long as I could, and from each end corner to the other corner at that end, rising to the ridge of the roof and back down to the corner. From above I suppose it looked like a big bumpy "Z", fed at the middle. Worked ok, but...

And it may not be exactly stealth, but last summer, during the Scout National Jamboree, I was at a local scout camp. I had my K2 set up in the tent. My antenna was a 40M dipole made with zip line. The insulators were clear lucite. And my end supports were green twine. Downlead was brown 300 ohm twinlead, the thin dark tan stuff from RS, right to my K2. The feed came right down the side of the tree that was inches from my tent, and through a bush into my tent. NO-ONE that I know of noticed the antenna until AFTER I pointed it out to them. Amazing what green and brown does in the trees...

Oh, and I worked the Jamboree MANY times over that week, as well as many other contacts, all at less than 10w.

You know, I heard of one guy that put up one of those fiberglass poles that are an antenna. He put a plastic can on the top, and ran a line of nylon twine down the side. Told his neighbors it was a weather station on the pole. Then never caught on that the weather station was just a box, and the pole was his antenna....

Mike

Date: Sun, 9 Jun 2002 18:28:40 -0600 (CST)
From: Bruce Ratray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [127894] Saskatchewan Provincial Hamfest 2002
Message-ID: <Pine.LNX.4.33.0206091826050.26103-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Saskatchewan Provincial Hamfest will be held in the city of Regina this year on July 5,6,7th., sponsored by the Regina Amateur Radio Association (RARA-VE5NN)...

The location will be the Ecole Monseigneur de Laval located at the corner of Cowan Crescent and Hillsdale Avenue. This is in the south-east section of the city not far from the TransCanada highway.

Check the hamfest WEBSITE at: <http://www.qsl.net/saskhamfest> for further details.

There will be a QRP Presentation on the program.

Given the present state of the Canadian dollar compared to the US dollar and especially the English pound, this would be a nice inexpensive hamfest for our international amateur friends to take in this year.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 9 Jun 2002 18:22:06 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127895] JPS NIR-10 DSP filter FS
Message-ID: <005a01c2101d\$52a7f470\$a8811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Outboard audio filter for sale...clean and good working condition...\$70.00
shipped...USA...John...KF70M

Date: Mon, 10 Jun 2002 03:11:02 -0000
From: "Mike Rioux" <mike@rioux.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127896] NC-20 case for sale
Message-ID: <ODELIIACNFAHFGDIJNOKCEKGDPA.mike@rioux.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gangue,
I was cleaning the shack today and came upon a NC-20 case (used the Doug
Hauff case
for mine). Anyone need one? How about \$10 and I'll ship priority mail?
73,Mike W1USN

w1usn@rioux.org

Date: Mon, 10 Jun 2002 03:31:42 -0000
From: "Mike Rioux" <mike@rioux.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127897] RE: NC-20 case for sale
Message-ID: <ODELIIACNFAHFGDIJNOKIEKHDPAA.mike@rioux.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sold! Wow! That was quick! Thanks everyone.
mike

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Mike Rioux
Sent: Monday, June 10, 2002 3:11 AM
To: Low Power Amateur Radio Discussion
Subject: NC-20 case for sale

Gangue,
I was cleaning the shack today and came upon a NC-20 case (used the Doug
Hauff case
for mine). Anyone need one? How about \$10 and I'll ship priority mail?
73, Mike W1USN
w1usn@rioux.org

Date: Sun, 9 Jun 2002 22:07:44 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127898] ARRL June VHF QSO Party
Message-ID: <000f01c2103d\$050a3640\$2e20cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I operated a total of 5-hours QRP from DM04 (12-miles NE of Los Angeles City Hall) and -- while not burning up the band -- enjoyed the contest. I had one opening on 6M into BC, WA and ORE, and a couple of hours later another opening into ID on 6M.

I heard no East-West signals at all.

BAND	Raw QSOs	Valid QSOs	Points	Mults
6SSB	42	42	42	16
2SSB	18	18	18	5
432SSB	5	5	10	4

Totals	65	65	70	25

Final Score = 1750 points.

If you had any QSO's during the VHF QSO Party, I urge you to send in your logs and to suggest (SOAPBOX--with your entry) that the sponsoring ARRL create a pure 5W QRP category in next year's contests).

72/73 de alan

PS- when six is open, distances of a thousand miles a watt are easily possible... six wasn't that open this weekend, and so the best I was able to do was about 200/mi/watt! Nonetheless, 1000 miles on 5W is still respectable!!!

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Mon, 10 Jun 2002 03:43:36 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: myetsko@insydesw.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127899] Re: Stealth Antennas
Message-ID: <20020610104336.19227.qmail@web14205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well Mike, I use one all the time. Live in a three story townhouse with the ant. in the attic. This puts them between around 35 feet above ground.

Running 5 watts to the dipole, we have over 100 countries on SSB. Plus the west coast and contacts across the pond on 6 meters using a half square running 8 watts from the TT transverter.

Stealth does not mean poor. Even indoor works, you just have to put in the time to think the installation through, can't just throw something up.

The name of the game is to do what you can with what you have. Above all, HAVE FUN.

73 and good DX

Bill, kc4atu

Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Mon, 10 Jun 2002 07:18:08 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@lehigh.edu>,
". NJ QRP-L" <njqrp@njqrp.org>
Subject: [127900] TAC Logs Due by July 8, 2002
Message-ID: <001001c21070\$806ffe40\$ee3c5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

If you made even 2 QSO's during the TAC Contest on June 1, 2002 please send in the log.

You could take 1st place in a division and receive a nice plaque or win an award for 2nd or 3rd place.

Check out www.n3epa.org for log submission details.

Thank You,

Now back to our regular program. :-)

72 & Good DXing

Ron Polityka
de N3EPA
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
www.n3epa.org/

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Mon, 10 Jun 2002 05:25:56 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rod N0RC <rod@n0rc.us>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127901] Re: whence FT-897
Message-ID: <Pine.LNX.4.44.0206100522520.1650-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rod, why not just buy the FT-817? It has all the stuff you talk about below, and is QRP to boot! The 897 is a 100 watt version of the 817 for those who seem to need high power. Are YOU a high power operator Rod?

On Sun, 9 Jun 2002, Rod N0RC wrote:

> Folks,
>
> Has anybody seen the 897 for sale anywhere yet? Cost?
>
> I don't have a 2m/440 mobile rig for the car, nor do I want one. But,
> this weekend I was working a bike race with only an HT, a mobile rig
> would have been handy. I got to thinking, the 897 would make a nice
> VHF/UHF mobile rig for PS work, on the local repeaters. Having HF, I
> could use the 897 for other things when not deployed as a VHF/UHF
> mobile. Rockies baseball games on 850AM, NPR news on FM, weather (the

> 897 better have WX band, heck my Subaru Outback has a WX Radio!) Maybe
> even a little CW or PSK! (At QRP levels of course ;-)

>
> 73, Rod N0RC

>
>
>
>
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>
>
>

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Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 10 Jun 2002 07:41:11 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@lehigh.edu
Subject: [127902] VHF Contest
Message-ID: <3D049057.4F59@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Operated on six meters with 5 watts and a Halo here from my new QTH in central Delaware (FM29). The results were rather dismal: only five QSOs on Saturday. Best "DX" was FN21. Heard many stations but most were quite weak. K8GP in WV was booming-in most of the time but he could not hear me. There was a brief opening to TN in the evening. Oh well, my score is shocking - but I DID have fun!

Joe, K3CHP
Frederica, DE

Date: Mon, 10 Jun 2002 06:00:15 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127903] JPS NIR-10 AUDIO DSP FILTER FS
Message-ID: <000501c2107e\$c4863a50\$2f811c0c@juanita>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good condition, working and clean \$70.00 shipped USA...Thanks
John...72...KF70M

Date: Mon, 10 Jun 2002 09:03:16 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <k3chp@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127904] Re: VHF Contest
Message-ID: <000001c21098\$90b5c460\$66e7d73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe -

Glad you made the effort!

My results on 50 and 144 Mhz were somewhat similar. I couldn't put in much time in the contest, so I operated from our back deck with an FT-817 (internal nicads) and either a 6M dipole or a 3-el yagi on 2M. Best DX was to the W2SZ/1 operation on Mt. Greylock near Pittsfield, MA, and it took a lot of calling before they heard me on either band. It might have had something to do with the kilowatt power levels at their end <g>. The antennas were about 15 feet above ground at our heavily-wooded QTH. I could easily copy NY and NJ, since our location is good to the south and west, but couldn't make myself heard.

I'm not ready to give up QRP on VHF, but it sure suggests the need for a better antenna setup if you're going to extend your home QTH 'footprint' beyond a fairly local area.

73- Dave

Dave Benson, K1SWL
dave@smallwonderlabs.com

-----Original Message-----

From: Joseph Mikuckis <k3chp@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, June 10, 2002 4:41 AM
Subject: VHF Contest

Operated on six meters with 5 watts and a Halo here from my new QTH in central Delaware (FM29). The results were rather dismal: ...

Date: Mon, 10 Jun 2002 09:11:25 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [127905] Re: ARRL June VHF QSO Party
Message-ID: <125490A005E3D3118C9C00805FC743CC027E3373@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Should the ARRL adopt mile/watt scoring for the QRP category?

How about Points for each QSO=Frequency(GHz)*Distance(Miles)/Power(watts)?
If we exchanged 6 figure grid squares it would be easy to calculate the distance.

73--Zack Lau W1VT

Date: Mon, 10 Jun 2002 09:37:24 -0400
From: k8ff@juno.com
To: qrp-1@lehigh.edu
Subject: [127906] FS: DOS computer
Message-ID: <20020610.093728.-861169.0.k8ff@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just in time for FD! I bought a LEXMARK battery powered mini computer (similar to Poquet) at Dayton and no longer have a need for it. It is in good working order with LogEQF already loaded. Just add penlite

batteries and go to FD. I paid \$50.00 will sell for \$50.00, will ship UPS to conus.

73, Wayne K8FF

Date: Mon, 10 Jun 2002 08:03:01 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127907] Re: whence FT-897
Message-ID: <009d01c21087\$88e19630\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

When doing Public Service work, one must be prepared. The FT-897 allows for more power, often needed in simplex nets, or mountainous terrain. (Last year I was deployed to a town in the mountains. It took a 12 element 2M Yagi and 100W to "burn through" the terrain to be heard clearly)

That said you may ask why I only used an HT this year? It's all I had, my site assignment was HT friendly, I had plenty of batteries to run a full 5 watts all day long, and there were other contingency plans in place.

Why not just get a mobile UHF/VHF mobile? Can't do 80m SSB/PSK wide area nets with NVIS antennas.

So, with an 897, I can do more, in many different situations.

You ask: "Are YOU a high power operator Rod?"

Sometimes. When necessary, I'll reach for the power knob on my K2 or 746pro and run the power up 10, 20, or 30 Watts. Heck, one time I ran 60 WATTS!!! And it felt good.

73, Rod N0RC

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, June 10, 2002 5:25 AM
Subject: Re: whence FT-897

>
> Hi Rod, why not just buy the FT-817? It has all the stuff you talk
about
> below, and is QRP to boot! The 897 is a 100 watt version of the 817
for
> those who seem to need high power. Are YOU a high power operator
Rod?
>

Date: Mon, 10 Jun 2002 09:11:13 -0400
From: "Jeff Davis" <n9avg@att.net>
To: <rod@n0rc.us>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127908] Re: whence FT-897
Message-ID: <002501c21080\$4e7146a0\$aa9f9fac@c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doesn't sound like anything a few 'Hail Mary's' and some therapy couldn't
cure....

----- Original Message -----
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 10, 2002 10:03 AM
Subject: Re: whence FT-897

> Sometimes. When necessary, I'll reach for the power knob on my K2 or
> 746pro and run the power up 10, 20, or 30 Watts. Heck, one time I ran
> 60 WATTS!!! And it felt good.

Date: Mon, 10 Jun 2002 10:25:32 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rod@n0rc.us>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127909] Re: whence FT-897
Message-ID: <002401c2108a\$af03fa80\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Sometimes. When necessary, I'll reach for the power knob on my K2 or
> 746pro and run the power up 10, 20, or 30 Watts. Heck, one time I ran
> 60 WATTS!!! And it felt good.
>
> 73, Rod N0RC

Hey Rod,

JUST SAY NO!!!

Date: Mon, 10 Jun 2002 10:01:07 -0500
From: "George, W5YR" <w5yr@att.net>
To: CYR999@extremezone.com
Cc: Elecraft <elecraft@mailman.qth.net>,
"qrp-l@Lehigh.edu" <qrp-l@Lehigh.edu>,
Subject: [127910] Re: [Elecraft] K2/100 Emergency field battery
Message-ID: <3D04BF33.E3310581@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another use for a large RV battery like that is in the shack.

Connect it via an appropriate fuse to the output of your regular a-c power supply such that the supply will trickle charge the battery at the nominal 13.8 volts. If you have any line power interruptions, especially the momentary kind (off and then right back on) the battery will function in the manner of a UPS to prevent the voltage transients from reaching your equipment.

There are a couple of gotchas in this arrangement, however, that need consideration.

First, should the power supply crowbar for any reason, a fuse or fast breaker must be used to open the battery circuit. Otherwise you will rather quickly release all the smoke from portions of the power supply and create a potentially highly dangerous situation with a shorted battery until something burns up (or the battery explodes!) to open the circuit.

The second problem area concerns the time during which the supply has its a-c power removed. The battery could force current back into the supply and possibly damage the series regulators. To handle this problem, use a large diode to block current flow from the battery to the supply.

Of course, with a diode in the circuit, the radio equipment must be connected directly to the battery - again through a suitable fuse to avoid an external short-circuit from damaging or destroying the battery - while the supply is connected to the battery through a fuse and the diode. To compensate for the diode voltage drop, the supply voltage should be increased accordingly. Note that this arrangement is not suitable for charging a large RV or marine battery. It should be at full charge before being placed into this service.

Two excellent references in this area are the three-part series "Practical Battery Back-Up Power for Amateur Radio Stations" in March, April and May 1990 QST. The April article is especially relevant.

The second reference is a bulletin put out by the CAP, describing the approved procedure for battery back-up of Astron supplies, which is available at

http://ntc.cap.gov/comm/ntc/RS_Battmod.htm

The procedure consists of inserting a 1/2-watt 10K resistor in the trace feeding Pin 4 of the 723 regulator chip to limit current and avoid letting all the smoke out of the regulator. This resistor is inserted by cutting the trace between the moving contact of the pot R5 (1K) and Pin 4, and bridging the cut with the resistor.

I have used such an arrangement for some time now and it is comforting to know that a shack full of gear is protected from power transients due to line voltage outages. These occur frequently "out here in the country!"
<:}

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Bob Patten wrote:

>
>
> Simple solution... Go to Pep Boys (or check other stores for sales) and
> pick up a 110 A/H marine battery. About \$50 and should easily run the
> K2 for three days.
> No, not recommended for backpacking!

Date: Mon, 10 Jun 2002 11:12:13 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127911] Re: [Elecraft] K2/100 Emergency field battery
Message-ID: <006701c21091\$348f3ce0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If I put in a battery as a backup, I always 'diode isolate' it from the AC supply.

If I want it to charge from the AC supply, I put a trickle charge resistor across the diode to the battery.

And if the AC supply is of a design that it doesn't sit in the circuit BENIGNLY and high impedance with the mains off, I put in an AC relay so that if the AC fails, the AC supply is split from the circuit.

All these functions can usually be built into a compact box... Even have switch control on the box for extra power functions, or support for more than one battery. (Or even more than one AC feed, if you have something like a small low-voltage windmill or water wheel.)

Mike

Date: Mon, 10 Jun 2002 08:35:19 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@lehigh.edu
Subject: [127912] FS: Unbuilt kits; NorCal, Tiny-Tornado, SWL...>
Message-ID: <3D04C737.53CBFF80@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

No time to build these days...

NorCal SMK-1 40M CW QRPp XCVR with matching NJQRP Club enclosure, both unbuilt, complete and original... \$50 (shipped)

Tiny-Tornado 40M QRPp XCVR (REV 2d board) with 40m XTAL and also complete enclosure kit option, unbuilt... \$45 (shipped)

Small Wonder Labs freq-mite frequency counter, unassembled... \$25 (shipped)

Package deal; \$100 (perfered)... Thanks,

Pat, AA7FG - Oregon

Date: Mon, 10 Jun 2002 11:04:19 -0500
From: "George, W5YR" <w5yr@att.net>
To: CYR999@extremezone.com
Cc: Elecraft <elecraft@mailman.qth.net>,
"qrp-1@Lehigh.edu" <qrp-1@Lehigh.edu>,
Subject: [127913] Re: [Elecraft] K2/100 Emergency field battery
Message-ID: <3D04CE03.919FB390@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jerry Lofstead W3CDE has been kind enough to point out that my link won't work! <:}

Seems that the Fat Fingers here forgot the 'www' at the start, so here is the complete URL

http://www.ntc.cap.gov/comm/ntc/RS_Battmod.htm

Just checked and this one does work and the site is still active. BTW, the site also has a link to the RS-35M Astron schematic showing the added resistor. The mod also applies to the VS-35M which I use - variable voltage and current limiting - although some of the schematic is different.

Sorry for any problems . . .

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Date: Mon, 10 Jun 2002 12:11:51 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [127914] NiMH battery deal
Message-ID: <B92A4807.1150B%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang:

Today, while shopping in my local Sam's Club... I found an "Energizer" rechargable AA cell set (8) with a plug-in wall charger. The cells are rated at 1700 mah. It appears that you can only charge 4 cells at a time with the charger, however.

Anyway, the price was \$20.. which looks like a fair deal to me.

73 de Ray
K2ULR
FN20t1

Date: Mon, 10 Jun 2002 16:20:29 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127915] Re: ARRL June VHF QSO Party
Message-ID: <3D04D1CD.E63650B4@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ALL,

Let's start with moving the contest to early July better E's and us out west can get to the mountain tops. There is still over 8 foot of snow on Roads in the upper Cascades and the Siskiyou's. The people who ventured to eastern Oregon mountains where it is "drier" got snowed on.

As far as scoring goes why not score the whole contest via distance. The contest exchange is grid squares so it should/would be easy to write contest logging programs that calculate distance based on the center of each grid for bands through 432 then go to 6 digit exchange from 903 up. Then a scoring system like 0 to 100 miles worth 1 point, 100 to 200 2 points etc. Then starting at 903 adding a multiplier for each band 903 distance x 2, 1296 distance x 2.5 2300 distance x 3 etc. This would weight the UHF bands to help promote more activity.

Art
KB7WW

"Lau, Zack, W1VT" wrote:

>
> Should the ARRL adopt mile/watt scoring for the QRP category?
>
> How about Points for each QSO=Frequency(GHz)*Distance(Miles)/Power(watts)?
> If we exchanged 6 figure grid squares it would be easy to calculate the
> distance.
>
> 73--Zack Lau W1VT

Date: Mon, 10 Jun 2002 10:22:00 -0600
From: "David Fuller" <djfulle@qwest.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127916] welding wire for antenna wire
Message-ID: <3D04D228.ABF9F130@qwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody know the difference between copperweld antenna wire and normal welding wire.

I caculate .045 in (17 ga) E70S6 copper coated welding wire at \$32.34 for a 33lb spool and at 5.57 lb/1000ft comes out to .0054 cents/foot for a 5924 foot roll.

A common source of 18 gage copperweld "antenna wire" is .037 cents/foot which comes out to \$219 for a 5924 ft roll?

If the welding wire is the same stuff or if it would hold up as well it would be really cheap antenna wire. There must be a difference in copper thickness! Anyone know for sure??

Even for temporary field antennas an 11lb spool of .023in (24ga) wire is only around \$7.50

Hmmmm really cheap portable antenna wire!

TNX

Date: Mon, 10 Jun 2002 11:26:00 -0500
From: "George, W5YR" <w5yr@att.net>
To: raysills@1stconnect.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127917] Re: NiMH battery deal
Message-ID: <3D04D318.F2F05828@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got one and they are well worth the \$\$\$. Works great!

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Ray Sills wrote:

>
> Hi Gang:
>
> Today, while shopping in my local Sam's Club... I found an "Energizer"
> rechargable AA cell set (8) with a plug-in wall charger. The cells are
> rated at 1700 mah. It appears that you can only charge 4 cells at a time
> with the charger, however.
>
> Anyway, the price was \$20.. which looks like a fair deal to me.

Date: Mon, 10 Jun 2002 12:49:54 -0400
From: Tom Feeny <tfeeny@comcast.net>
To: *QRP-L <qrp-l@Lehigh.EDU>
Subject: [127918] Re: Freq. Counter / Test equip
Message-ID: <000401c2109e\$e19c76c0\$3a5c2044@waldlk01.mi.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Now down to \$40 on clearance.
Not all the stores have them.
Tom

> OR... you could buy instead of build. Check out your local Radio Shack
> store(s) for their discontinued hand-held freq counter - around \$49 on
> close out. I think the number is RS 22-306. They're cool. Backlit. Dual
> gates and "hold" - runs on 4 - AA batts.

Date: Mon, 10 Jun 2002 12:04:22 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127919] Re: NiMH battery deal
Message-ID: <003e01c210a0\$dec37b40\$2b64030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's a better deal than I was finding at Dayton.

----- Original Message -----
From: "Ray Sills" <raysills@1stconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 10, 2002 11:11 AM
Subject: NiMH battery deal

> Hi Gang:
>
> Today, while shopping in my local Sam's Club... I found an
"Energizer"

> rechargeable AA cell set (8) with a plug-in wall charger. The cells
are
> rated at 1700 mah. It appears that you can only charge 4 cells at a
time
> with the charger, however.
>
> Anyway, the price was \$20.. which looks like a fair deal to me.
>
>
> 73 de Ray
> K2ULR
> FN20t1
>
>
>
>
>

Date: Mon, 10 Jun 2002 19:05:56 +0200
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [127920] Re: welding wire for antenna wire
Message-ID: <3D04DC74.60D0CE95@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello David,

> If the welding wire is the same stuff or if it would hold up as well it
> would be really cheap antenna wire. There must be a difference in
> copper thickness! Anyone know for sure??

If you know the resistance of the two wires and it is the same value by
the same diameter, so I think it is the same wire. A second distinction is
may be the material inside the wire. Is it iron or i.e.
aluminum/aluminium?

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Mon, 10 Jun 2002 10:11:17 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <z1au@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127921] Re: ARRL June VHF QSO Party
Message-ID: <003201c210a1\$d63c2480\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Zack,

I'm all for making the exchange longer in the VHF/UHF and microwave contests. The simple 4 character large grid square exchange makes the contest too easy and doesn't leave one with much of a feeling of achievement. Contacts are generally few and far between, so there's no argument that increasing the length of a QSO would spoil scores.

IMO, if we had to exchange a signal report with serial number (e.g. 57123 on voice or 599024 on CW) plus the full 6 digit grid square, the contests would be much more fun. Also, I believe this would cure the age old problem of everyone sitting on the calling frequency and wiping each other's QSO's out. If a QSO were longer as I propose, people would HAVE to spread out and call CQ on a clear channel to make sure they got QSO's that were interference free. If everyone did this by necessity, then people would learn to S&P just like in an HF contest - it wouldn't take them long.

I like your idea for scoring. This would encourage stations to put up the best possible antenna systems and also more of them to go to good portable sites (since you don't penalize antenna gain in the scoring equation).

Cheers for now,
Dave Fifield, AD6A

----- Original Message -----

From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 10, 2002 6:11 AM
Subject: Re: ARRL June VHF QSO Party

> Should the ARRL adopt mile/watt scoring for the QRP category?
>
> How about Points for each QSO=Frequency(GHz)*Distance(Miles)/Power(watts)?
> If we exchanged 6 figure grid squares it would be easy to calculate the
> distance.
>
> 73--Zack Lau W1VT

Date: Mon, 10 Jun 2002 13:19:15 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [127922] Re: NiMH battery deal
Message-ID: <5.1.0.14.1.20020610131835.00a74430@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Are those the so-called rechargeable alkalines?

Dave

At 11:26 AM 6/10/2002 -0500, you wrote:
>Got one and they are well worth the \$\$\$. Works great!
>
>73/72/oo, George W5YR - the Yellow Rose of Texas
>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
>Amateur Radio W5YR, in the 56th year and it just keeps getting better!
>QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
>Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437
>
>
>Ray Sills wrote:
> >
> > Hi Gang:
> >
> > Today, while shopping in my local Sam's Club... I found an "Energizer"
> > rechargeable AA cell set (8) with a plug-in wall charger. The cells are
> > rated at 1700 mah. It appears that you can only charge 4 cells at a time
> > with the charger, however.
> >
> > Anyway, the price was \$20.. which looks like a fair deal to me.

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 10 Jun 2002 13:19:41 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [127923] GDOs - a nice surprise
Message-ID: <5.1.1.6.2.20020610131825.00ab3dd0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

After being interested in selling the 'loser' of my Millen Solid State (90652) GDO shootout last week, it turns out to be a good thing I didn't. It turns out that I have two DIFFERENT models! The original unit I had-and winner of the 'shootout' still has the plastic covering on its front panel. I had looked at it, sure, but hadn't paid a LOT of attention to it, since I never intended to actually operate it. It came with a surrounding layer of that white polyfoam sheeting-in addition to the clear-stuff on the front panel-and I have left it pretty much alone after an initial examination.

The 'loser' GDO lost on the basis of three really picky points: 1) no clear plastic sheet still stuck to the front panel; 2) a small chip from one edge along the bottom where the unit rubbed against a bare-aluminum rail (put there to hold it in place with the lid down;) and 3) a 1/8" crack in the plexiglass at the top where you plug in the coils-possibly there since new-it's really hard to notice.

It was item 2 (the paint chip) that started this. I went to Home Depot yesterday and got some grey tape to put on that bare metal rail. Figured it'd be a nice touch to match the case color. When I got home, I got them both out, and noticed serious differences in the 'front panel' logos. The 'loser' is an actual Millen unit. Labelled such. I got out the other one, and discovered that-although it is otherwise identical with the Millen-labelled unit, it is by Millen, etc. DIV of "Caywood Electronics". Furthermore, on the bottom of the case is one of those brushed-aluminum-looking labels made popular by New England Business Services that says: Millen etc. division of "Antennas, Etc." The "Caywood Electronics" is actually part of the panel on this unit... not just a label.

So... the bottom line is that I have 2 slightly different models, and am very glad one of them didn't get sold.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 10 Jun 2002 17:40:52 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [127924] AD9835 prototyping adaptor PCB artwork
Message-ID: <DAV36R0Hy9Ngv2LHD3n000091b0@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've put the PCB artwork for this adaptor on my web page:

http://www.geocities.com/leon_heller/adaptors.html

I don't have an AD9835 to try it with, but David Hinerman kindly checked it for me.

73, Leon

--

Leon Heller, G1HSM leon_heller@hotmail.com
http://www.geocities.com/leon_heller
Low-cost Altera Flex design kit: <http://www.leonheller.com>

Date: Mon, 10 Jun 2002 12:23:37 -0500
From: "George, W5YR" <w5yr@att.net>
To: WD8CIV@worldnet.att.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127925] Re: NiMH battery deal
Message-ID: <3D04E099.4251E3C8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No, these are Ni-MH . . . I believe the rating is 1700 mAh - 8 to the package plus dual Ni-Cd/Ni-MH charger with auto shutoff.

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

David Hinerman wrote:

>

> Are those the so-called rechargeable alkalines?

Date: Mon, 10 Jun 2002 13:30:11 -0400
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127926] Re: NiMH battery deal
Message-ID: <00d801c210a4\$7993b740\$d2af2341@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If these are in fact ni-mh it might be wise to buy two sets!! That way you'd have 2 chargers and could charge one set while using the other set!!!! semms logical to me!!

carl / kz5ca

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 10, 2002 1:23 PM
Subject: Re: NiMH battery deal

> No, these are Ni-MH . . . I believe the rating is 1700 mAh - 8 to the
> package plus dual Ni-Cd/Ni-MH charger with auto shutoff.

>

> 73/72/oo, George W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 56th year and it just keeps getting better!
> QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
> Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437
>
>
> David Hinerman wrote:
> >
> > Are those the so-called rechargeable alkalines?

Date: Mon, 10 Jun 2002 13:35:45 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [127927] Re: NiMH battery deal
Message-ID: <5.1.0.14.1.20020610133235.00a6c1a0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Carl,

Unless one has an FT-817 - I understand there's a simple mod to fool the rig into thinking the stock alkaline holder is a rechargeable pack. Not a smart thing to do with alkalines in it, because the radio will try to charge them. But... \$20 and 15 minutes' hacking is a far cry from \$50 for a Yaesu pack.

I should get a set for my son, though - his Gameboy makes this gurgly sucking sound as it drains AA cells.

Dave

At 01:30 PM 6/10/2002 -0400, you wrote:
>If these are in fact ni-mh it might be wise to buy two sets!! That way you'd
>have 2 chargers and could charge one set while using the other set!!!!
>semms logical to me!!
> carl / kz5ca
>----- Original Message -----
>From: "George, W5YR" <w5yr@att.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Sent: Monday, June 10, 2002 1:23 PM
>Subject: Re: NiMH battery deal
>
>

> > No, these are Ni-MH . . . I believe the rating is 1700 mAh - 8 to the
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> >
> > David Hinerman wrote:
> > >
> > > Are those the so-called rechargeable alkalines?

"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 10 Jun 2002 12:40:41 -0500
From: "George, W5YR" <w5yr@att.net>
To: dk3red@t-online.de
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127928] Re: welding wire for antenna wire
Message-ID: <3D04E499.B1EDE757@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It might be interesting to evaluate the r-f properties of the wire under
discussion by winding a coil with it and resonating with a capacitor.
Measurement of the center frequency and then a check of the bandwidth will
yield the Q of the circuit which with a "good" cap will be essentially the
Q of the coil.

Then winding a companion coil with copper wire and tuning it to the same
frequency would allow its Q to be measured and compared with that of the
other wire. If they are substantially the same, then the other wire should
perform electrically as well as copper wire.

I suppose that the easiest setup would be to make a series-tuned circuit
and place it in the antenna input of a receiver. Feed the circuit from a

low-powered oscillator or signal generator and find the resonant frequency. If a modulated signal is used, an a-c voltmeter on the receiver audio output can be used to find the peak frequency. Otherwise the signal level peak can be observed on the S-meter. Then the frequency can be varied to find the -3 dB points on the response curve and the Q can be calculated as the ratio of the center frequency to the -3 dB bandwidth.

The problem with using the S-meter is trying to decide on what "3 dB down" is on the meter scale. For that reason, if a modulated signal generator is not available, it might be better to tune the coil for 10 or 15 MHz and resonate it on WWV, measuring the peak from an a-c voltmeter on the speaker output. Then the -3 dB points will be found where the voltage has been reduced to 0.707 of the peak value.

I am assuming that the "r-f resistance" or loss in the wire is the critical factor in its selection for antenna wire.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
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Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

"Ingo, DK3RED" wrote:

>
> Hello David,
>
> > If the welding wire is the same stuff or if it would hold up as well it
> > would be really cheap antenna wire. There must be a difference in
> > copper thickness! Anyone know for sure??
>
> If you know the resistance of the two wires and it is the same value by
> the same diameter, so I think it is the same wire. A second distinction is
> may be the material inside the wire. Is it iron or i.e.
> aluminum/aluminium?

Date: Mon, 10 Jun 2002 12:44:18 -0500
From: "George, W5YR" <w5yr@att.net>
To: n4xy@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127929] Re: GD0s - a nice surprise
Message-ID: <3D04E572.DEBD7EEA@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Now, do they read the same? Or, are you like the man with two clocks? <:}

73/72/00, George W5YR - the Yellow Rose of Texas
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Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Ed Tanton wrote:

>

> So... the bottom line is that I have 2 slightly different models, and am
> very glad one of them didn't get sold.

Date: Mon, 10 Jun 2002 13:44:35 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [127930] RE: welding wire for antenna wire
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D302CD@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

What about the physical properties of the wire? Will it hold up as well to wind and ice as well as copperweld?

Mark

-----Original Message-----

From: George, W5YR [mailto:w5yr@att.net]
Sent: Monday, June 10, 2002 1:41 PM
To: Low Power Amateur Radio Discussion
Subject: Re: welding wire for antenna wire

It might be interesting to evaluate the r-f properties of the wire under discussion by winding a coil with it and resonating with a capacitor. Measurement of the center frequency and then a check of the bandwidth will yield the Q of the circuit which with a "good" cap will be essentially the Q of the coil.

Then winding a companion coil with copper wire and tuning it to the same frequency would allow its Q to be measured and compared with that of the other wire. If they are substantially the same, then the other wire should perform electrically as well as copper wire.

I suppose that the easiest setup would be to make a series-tuned circuit and place it in the antenna input of a receiver. Feed the circuit from a low-powered oscillator or signal generator and find the resonant frequency. If a modulated signal is used, an a-c voltmeter on the receiver audio output can be used to find the peak frequency. Otherwise the signal level peak can be observed on the S-meter. Then the frequency can be varied to find the -3 dB points on the response curve and the Q can be calculated as the ratio of the center frequency to the -3 dB bandwidth.

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> If you know the resistance of the two wires and it is the same value by
> the same diameter, so I think it is the same wire. A second distinction is
> may be the material inside the wire. Is it iron or i.e.
> aluminum/aluminium?

Date: Mon, 10 Jun 2002 12:47:00 -0500
From: "George, W5YR" <w5yr@att.net>
To: carl seyersdahl <carlseye@tampabay.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127931] Re: NiMH battery deal
Message-ID: <3D04E614.A37397DE@att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good idea, Carl! I may check back at Sam's and see if they have any left .
. .

They are, in fact, Ni-MH cells. Such cells were going for \$2 to \$2.50 at HamCom this weekend so getting 8 plus a charger for \$20 is a good deal.

Thanks!

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
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Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

carl seyersdahl wrote:

>
> If these are in fact ni-mh it might be wise to buy two sets!! That way you'd
> have 2 chargers and could charge one set while using the other set!!!!
> semms logical to me!!

Date: Mon, 10 Jun 2002 13:52:47 -0400
From: MikeHeit@aol.com
To: qrp-l@lehigh.edu, w5yr@att.net
Subject: [127932] Re: NiMH battery deal
Message-ID: <1589D38F.66D36B04.007B137C@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

"George, W5YR" <w5yr@att.net> writes:

>No, these are Ni-MH . . . I believe the rating is 1700 mAh - 8 to the
>package plus dual Ni-Cd/Ni-MH charger with auto shutoff.
>

Can the charger be powered from a 12VDC source?

73 de Mike, N0SO

Date: Mon, 10 Jun 2002 14:02:00 -0400

From: Hank Kohl K8DD <k8dd@arrl.net>
To: w5yr@att.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127933] Re: NiMH battery deal
Message-ID: <5.1.0.14.2.20020610140041.03740470@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 6/10/02 12:47 PM -0500, George, W5YR wrote:

>They are, in fact, Ni-MH cells. Such cells were going for \$2 to \$2.50 at
>HamCom this weekend so getting 8 plus a charger for \$20 is a good deal.

The box I got awhile back was 4 AA and 4 AAA cells.
If it is really 4 AA's I have to make a trip back to Sams!

73 Hank K8DD

Date: Mon, 10 Jun 2002 13:57:23 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "Qrp-L Mail" <qrp-l@lehigh.edu>
Subject: [127934] Fw: NiMH battery deal
Message-ID: <000501c210a8\$47075c10\$cc233b41@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gee, weren't they selling AA nimh at Dayton for a \$1 ?

----- Original Message -----
From: "Ray Sills" <raysills@1stconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 10, 2002 12:11 PM
Subject: NiMH battery deal

> Hi Gang:
>
> Today, while shopping in my local Sam's Club... I found an "Energizer"
> rechargable AA cell set (8) with a plug-in wall charger. The cells are
> rated at 1700 mah. It appears that you can only charge 4 cells at a time

> with the charger, however.
>
> Anyway, the price was \$20.. which looks like a fair deal to me.
>
>
> 73 de Ray
> K2ULR
> FN20t1
>
>
>
>
>

Date: Mon, 10 Jun 2002 14:25:08 -0400
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: qrp-l@Lehigh.EDU
Subject: [127935] Vertical Radial Trenching Tool? B&D 'Edge Hog'
Message-ID: <0FC7552FF6.C79DCED8-0N85256BD4.0064B984-85256BD4.00652CBD@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Interesting Black & Decker electric lawn edging tool in my local Lowes home warehouse store... box advertises the "Edge Hog" as having two modes: traditional lawn edger, and a lawn trenching tool. The pictures show a happy homeowner installing a lighting system burying the cables in small slit trenches cut by this tool.

Naturally, I thought.... "buried radials for my planned vertical antenna".

Anyone have experience with this power tool? Any good shortcuts to burying radials for a vertical antenna system?

73,
Steve
aa8af

Date: Mon, 10 Jun 2002 14:28:05 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>

Subject: [127936] Re: NiMH battery deal
Message-ID: <B92A67F5.1152D%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Again Gang:

Well.. I didn't get one for myself as yet. I'll go back tomorrow and double check, but I'm pretty sure it was 8 AA cells. The charger was 110V only. No 12V possibility, short of using an inverter.

Getting two sets is a good idea. (Thanks, Carl)

73 de Ray
K2ULR
FN20t1

> From: Hank Kohl K8DD <k8dd@arrl.net>
> Subject: Re: NiMH battery deal
>
> At 6/10/02 12:47 PM -0500, George, W5YR wrote:
>
>> They are, in fact, Ni-MH cells. Such cells were going for \$2 to \$2.50 at
>> HamCom this weekend so getting 8 plus a charger for \$20 is a good deal.
>
> The box I got awhile back was 4 AA and 4 AAA cells.
> If it is really 4 AA's I have to make a trip back to Sams!
>
> 73 Hank K8DD

Date: Mon, 10 Jun 2002 14:29:19 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127937] Re: welding wire for antenna wire
Message-ID: <012101c210ad\$2b9b9b80\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd look at the tensile strength. It may be ok. It may be only close.
Or it may be a very poor choice.

Mike

Date: Mon, 10 Jun 2002 13:57:15 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127938] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
Message-ID: <200206101856.NAA15846@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Mon, 10 Jun 2002 14:25:08 -0400, Steve Lawrence wrote:
> Naturally, I thought.... "buried radials for my planned=
vertical
> antenna".
>
> Anyone have experience with this power tool? Any good shortcuts=
to
> burying radials for a vertical antenna system?

A lot of people just mow the grass short and stretch them out=
tightly
with a few pieces of bent wire to "staple" them down. After a few=
weeks
the grass and thatch will cover them with virtually no effort on=
your
part.

Tim N9PUZ

Date: Mon, 10 Jun 2002 12:15:32 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [127939] OOPS! (was Re: no mo list spam from ByteMark ...)
Message-ID: <NFBBKLDHALEHCJMAJPKFCEIEDDAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, so I'm learning mailing lists!!

If you tried to subscribe to my list, it had a reply to as
mdaemon@company.mail ... oops! That's bogus. Should have been
mdaemon@bytemark.com .

I fixed the reply address, so if any of you want to subscribe please try
again.

OOPS!!

Tracy Markham

<http://www.bytemark.com/specials.htm>

Date: Mon, 10 Jun 2002 15:19:12 -0400
From: ken cubilo electric <kce@chartermi.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127940] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
Message-ID: <3D04FBB0.710E6ED6@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I myself have used either of two things to bury radials.

1. a gas edger with a modified blade to cut a very skinny slit in the ground
2. a mantis modified to use one tine. This makes a larger but deeper slit in the ground.

I am unable to mow short and then attach radials on top of the turf due to the high foot traffic in my yard. A few years ago we ended up having the old lawn removed, leveled and re planted at that time I installed galvanized mesh wire in the whole back yard area right over top of the 12,000 plus feet of radials I planted as well, so I am set for a ground system for a few more years. The results are excellent can work vk and zl stations with the 40m phased verticals with as little as 2 watts.
ken w8ob

"Tim, N9PUZ" wrote:

>

> On Mon, 10 Jun 2002 14:25:08 -0400, Steve Lawrence wrote:

> >Naturally, I thought.... "buried radials for my planned vertical

> >antenna".

> >
> >Anyone have experience with this power tool? Any good shortcuts to
> >burying radials for a vertical antenna system?
>
> A lot of people just mow the grass short and stretch them out tightly
> with a few pieces of bent wire to "staple" them down. After a few weeks
> the grass and thatch will cover them with virtually no effort on your
> part.
>
> Tim N9PUZ

--

SUPPORT RADIO-TELEGRAPH THE VOICE OF THE PROFESSIONAL RADIO OP.
MEMBER FISTS, QCWA, SOWP, VWOA, QRPARC-I AND FPQRP-I

Date: Mon, 10 Jun 2002 15:29:38 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [127941] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
Message-ID: <5.1.0.14.1.20020610152835.00a6c020@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ken,

How is the galvanized mesh holding up? Any corrosion problems?

Dave

At 03:19 PM 6/10/2002 -0400, you wrote:

>I myself have used either of two things to bury radials.
>1. a gas edger with a modified blade to cut a very skinny slit in the
>ground
>2. a mantis modified to use one tine. This makes a larger but deeper
>slit in the ground.
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>to the high foot traffic in my yard. A few years ago we ended up having
>the old lawn removed, leveled and re planted at that time I installed
>galvanized mesh wire in the whole back yard area right over top of the
>12,000 plus feet of radials I planted as well, so I am set for a ground
>system for a few more years. The results are excellent can work vk and
>z1 stations with the 40m phased verticals with as little as 2 watts.
>ken w8ob
>
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> >

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> > >
> > > Anyone have experience with this power tool? Any good shortcuts to
> > > burying radials for a vertical antenna system?
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> > with a few pieces of bent wire to "staple" them down. After a few weeks
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> > part.
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> > Tim N9PUZ
>
>--
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"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 10 Jun 2002 12:51:14 -0700
From: Steve Smith <sigcom@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [127942] Re: welding wire for antenna wire
Message-ID: <20020610.125114.-16529083.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David and group,

FWIW, here's my experience with welding wire:

A few years ago, I glommed onto about a half-ton of spooled copper-clad
welding wire (for no cost, of course). Like 30 spools of the stuff. I
gave all of it to one of my customers except for one spool that I thought
I could use for antennas. The wire developed surface rust almost right
away just sitting around. I gave up the idea of using it for antenna
wire after I saw that. My opinion is that welding wire has nowhere near

the plating thickness of CopperWeld but then I'm no expert, just a scrounger.

My customer used welding wire at a rate that was faster than it could rust so he was tickled pink to get it, HA!

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"Snort Rosin"

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 10 Jun 2002 16:15:45 -0400
From: ken cubilo electric <kce@chartermi.net>
To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127943] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
Message-ID: <3D0508F1.76C75D5F@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi last I saw early this spring it was still silver colored although not as bright when new.
ken w8ob

David Hinerman wrote:

>
> Ken,
>
> How is the galvanized mesh holding up? Any corrosion problems?
>
> Dave
>
> At 03:19 PM 6/10/2002 -0400, you wrote:
> >I myself have used either of two things to bury radials.
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> >
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> > > >the grass and thatch will cover them with virtually no effort on your
> > > >part.
> > > >
> > > Tim N9PUZ
> >
> >--
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>
> -----
> "You can fool some of the people all of the time. That's enough to make a
> living." - Lance Burton
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net

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SUPPORT RADIO-TELEGRAPH THE VOICE OF THE PROFESSIONAL RADIO OP.
MEMBER FISTS, QCWA, SOWP, VWOA, QRPARC-I AND FPQRP-I

Date: Mon, 10 Jun 2002 16:12:37 -0500
From: "Karl Kanalz" <kkanalz@gcecispc.com>
To: <Mark.Fancher@ae.ge.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127944] RE: welding wire for antenna wire
Message-ID: <NFBKOMEFGJGEBABODPOMEFPCFAA.kkanalz@gcecispc.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good point, Mark!

I rather think that the "welding wire" has an *iron* core, whereas
"Copperweld" wire has a [somewhat] tempered *steel* core.

There is indeed a great difference in stretching strength between
the two of them!

Personally, I'd go for the "real stuff" - genuine "Copperweld".

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Mark (GEAE)
Sent: Monday, June 10, 2002 12:45 PM
To: Low Power Amateur Radio Discussion
Subject: RE: welding wire for antenna wire

What about the physical properties of the wire? Will it hold up as well to
wind
and ice as well as copperweld?

Mark

Date: Mon, 10 Jun 2002 16:06:22 -0500
From: "George, W5YR" <w5yr@att.net>
To: MikeHeit@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [127945] Re: NiMH battery deal
Message-ID: <3D0514CE.36E652B8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No, it plugs into 120 vac outlet only.

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!

QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

MikeHeit@aol.com wrote:

>
> "George, W5YR" <w5yr@att.net> writes:
>
> >No, these are Ni-MH . . . I believe the rating is 1700 mAh - 8 to the
> >package plus dual Ni-Cd/Ni-MH charger with auto shutoff.
> >
>
> Can the charger be powered from a 12VDC source?

Date: Mon, 10 Jun 2002 16:07:30 -0500
From: "George, W5YR" <w5yr@att.net>
To: Hank Kohl K8DD <k8dd@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127946] Re: NiMH battery deal
Message-ID: <3D051512.5C393BEB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Must be a different deal this time, Hank. Definitely got 8 AA's!

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Hank Kohl K8DD wrote:

>
> At 6/10/02 12:47 PM -0500, George, W5YR wrote:
>
> >They are, in fact, Ni-MH cells. Such cells were going for \$2 to \$2.50 at
> >HamCom this weekend so getting 8 plus a charger for \$20 is a good deal.
>
> The box I got awhile back was 4 AA and 4 AAA cells.
> If it is really 4 AA's I have to make a trip back to Sams!

Date: Mon, 10 Jun 2002 16:11:23 -0500

From: "George, W5YR" <w5yr@att.net>
To: Steve.Lawrence@ITWFEG.COM
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127947] Re: Vertical Radial Trenching Tool? B&D 'Edge Hog'
Message-ID: <3D0515FB.F2BE6EA3@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used a gas-power lawn edger to install 60 radials in my system. Cuts a much wider hole than you need - only a slit about an inch deep is required.

Major hint: lay out a guide string from the base of the vertical out to the end of where the radial will go and use that to keep you going in a straight line, etc. Without it, I found that I was wandering about too much. Crooked radials work just as good as straight ones in the real world, but they sure do look bad until the grass covers them! <:}

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Steve Lawrence wrote:

>
> Interesting Black & Decker electric lawn edging tool in my local Lowes
> home warehouse store... box advertises the "Edge Hog" as having two modes:
> traditional lawn edger, and a lawn trenching tool. The pictures show a
> happy homeowner installing a lighting system burying the cables in small
> slit trenches cut by this tool.
>
> Naturally, I thought.... "buried radials for my planned vertical antenna".
>
> Anyone have experience with this power tool? Any good shortcuts to
> burying radials for a vertical antenna system?

Date: Mon, 10 Jun 2002 14:05:33 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@lehigh.edu
Subject: [127948] Unbuilt kits; NorCal, Tiny-Tornado, SWL...> SOLD
Message-ID: <3D05149D.7BC0D65C@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kit are sold... Many thanks for all the interest and appreciate it...
Pat

Date: Mon, 10 Jun 2002 16:01:09 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [127949] Old Antenna, new idea
Message-ID: <Pine.LNX.4.44.0206101536540.10992-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just about everyone knows that 44 feet of wire dipole fed in the center with 300 ohm ribbon-foam from Radio Shack will work fine if you get the wire high. Of course you also need a balanced line antenna tuner so you can tune this antenna on 40, 30, 20, 17, 15, 13 and 10 meters and have a 1-1 SWR on every band and good performance.

I am going to provide a talk on wire antenna good for use with QRP power in apartments and other areas where antenna are not allowed. The antenna I just built has some features I will try and explain.

The two 22 foot wires are made from #26 insulated hook-up wire. I went to a hardware store and bought 3 1/2" PVCIC couplers which are the center and end insulators. I had some 1/2" pipe left over and cut 2 pieces that are 6" long.

I drilled a small hole in the end insulators near one end of it where the wire is tied. The center coupler has 4 holes in 2 pairs on opposite sides of the coupler near the center.

I wind the wire on the 6" pipe with the end insulator coupler on the pipe. It connects to the center insulator, also a coupler that's on the pipe. This keeps the wire wrapped up on the pipe. Do the same with the other side and you have 44 feet of wire wound up on two 6" pipes.

Now connect the 300 ribbon to the wire at the center insulator and solder the connections. I used nylon lacing cord to tie the 300 ohm ribbon to the center insulator thus taking strain off the #26 wire.

The coiled up 300 ohm ribbon is tied to the antenna with nylon rope. This is an ideal antenna for the apartment dweller. Easy to move around and use. Very hard to see in the air.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 10 Jun 2002 23:23:35 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [127950] PCB artwork correction for LMX3205 and AD9835
Message-ID: <DAV28ymTW4UcwjpRFAC00010e55@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just uploaded new files; they should have been mirrored. Sorry for any inconvenience.

73, Leon

--

Leon Heller, G1HSM leon_heller@hotmail.com
http://www.geocities.com/leon_heller
Low-cost Altera Flex design kit: <http://www.leonheller.com>

Date: Mon, 10 Jun 2002 15:34:08 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: dave@redhotradio.com,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127951] Re: ARRL June VHF QSO Party
Message-ID: <20020610223408.89065.qmail@web14201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I do not know about the left coast, but here on the east coast we do spread out away from the calling freq. S&P is the name of the game unless you run full legal power and the "H" frames on tall towers.

I do not think the majority of the hard core VHF/UHF boys will go for a longer exchange. They collect the

grid squares and anything else will be useless to them. Also the old argument about rate. Making it the full 6 digit number does make sense since on the higher bands you need all 6 so you can aim the beams/dish at the other station.

What I would really like to see is the folks who have VHF/UHF capable rigs getting on at times other than contest. I call CQ on 6 meter CW around 50.095 to 50.098 almost every night. I like talking to myself.

Fire that 817, 706, 746, 847, 2000 or what ever else up and get on the bands. Life is good on VHF/UHF and you don't get a nose bleed from the height above 40 meters.

73 and hope to hear you all on 6 meters on night soon.

Bill kc4atu

Do You Yahoo!?

Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Mon, 10 Jun 2002 15:43:59 -0700
From: "John Nystedt" <jnystedt@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127952] FS (Long) HW9 Station, OHR Explorer(s), SWL PSK20, MFJ 9020 & Norcal SMK-1 kit
Message-ID: <000d01c210d0\$51b8c220\$0400000a@server>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cleaned out the shack over the weekend , and feel the need to get the inventory down to 3- 4 radios per band. 8^) So for sale:

HW-9 Station \$450.00 shipped Continental US
Includes:

HW-9 Transceiver Outstanding condition, other than some light scratches on the top. Like new Manual and Parts diagram. with like new manual; parts

drawings; schematics; WB8VGE's "the HW-8 Handbook . A collection of articles on the modification of the Heath HW-7, HW-8 and HW-9 QRP CS transceivers"; and, AB7MY's articles on "HW-9 Modifications". Outstanding condition, other than some light scratches on the top of the rig. The rig covers all of the WARC bands.

HM-9 Wattmeter. Outstanding condition, other than some light scratches on the top. Manual and Parts diagram . both in good condition, but the manual does reflect "checking-off" the construction sequence.

PSA-9 Power Supply. Outstanding condition, other than some light scratches on the top. Like new Manual and Parts diagram. Note the power supply has been modified to improve its performance as describe in the article by AB7MY (included)

HFT-9 Tuner. Again in outstanding condition, other than some light scratches on the top. Like new Manual and Parts diagram.

Small Wonders Lab - PSK-20 Transceiver ... \$95.00 shipped Continental US
Great Rig in great condition . worked Spain, Germany and New Caledonia on 3 watts into a long-wire antenna. Includes factory case, and manual.

Oak Hills Research Explorer 30 Meter Version ... \$80.00 shipped Continental US

Great Rig in great condition. Includes construction manual

Oak Hills Research Explorer 40 Meter Version ... \$80.00 shipped Continental US

Great Rig in great condition. Includes construction manual

MFJ 9020 ... \$25.00 shipped Continental US
Took in trade & needs work, but it does include a Curtis Keyer an a separate board.

NorCal SMK-1 Kit . \$35.00 shipped Continental US
Never opened, and no time to build.

I have digital Pictures of each or the radios, if you would like them.

Date: Mon, 10 Jun 2002 12:55:34 -0400
From: "James E. (Jim) Campbell" <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127953] Calling Don Brown
Message-ID: <3D04DA06.AFAB8819@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don,

I sent you an SASE for your speaker cover mod and you sent me something different. Can you please contact me off list?

72/73,

Jim
W4BQP

End of QRP-L Digest 2582

